

Title: CONTACT START PLASMA ARC TORCH AND METHOD OF INITIATING A PILOT ARC

Inventor: Joseph P. Jones et al.

Atty. Ref. No.: 9858-000018

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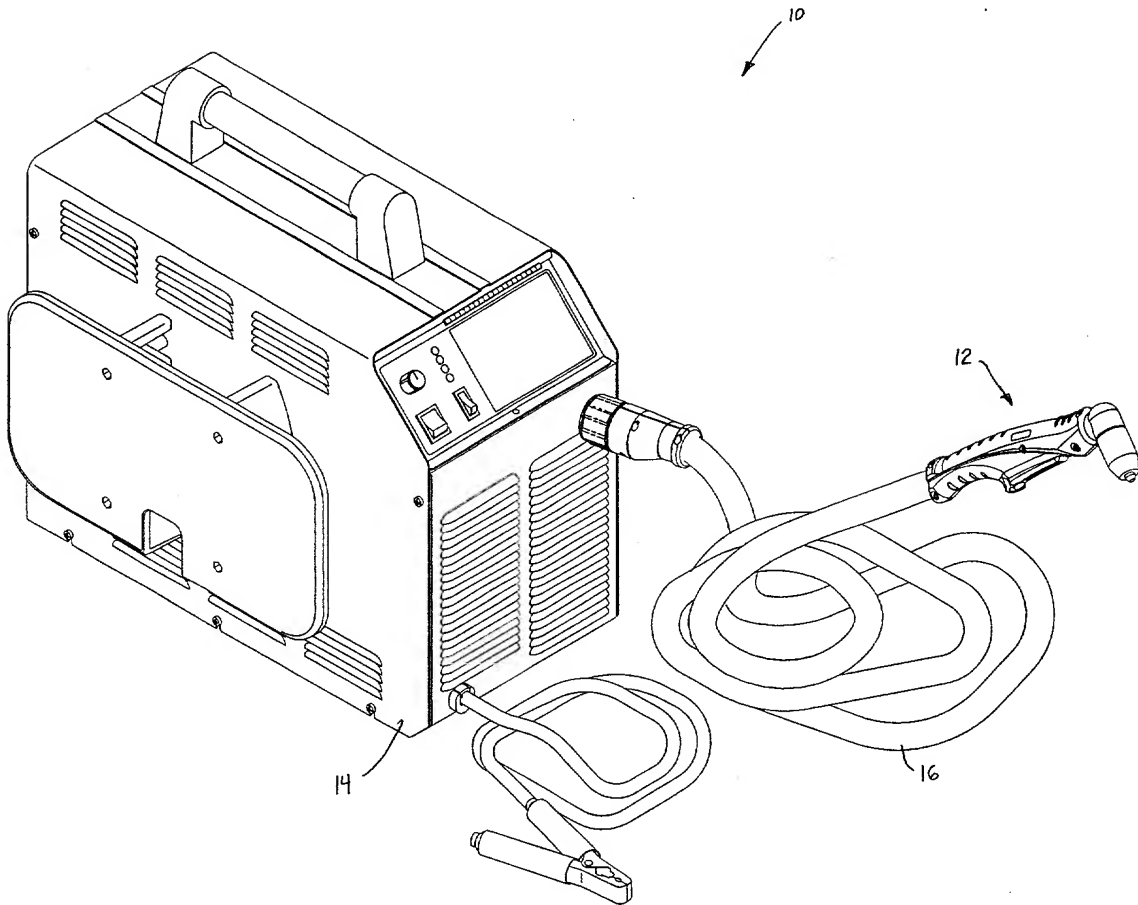


FIGURE 1

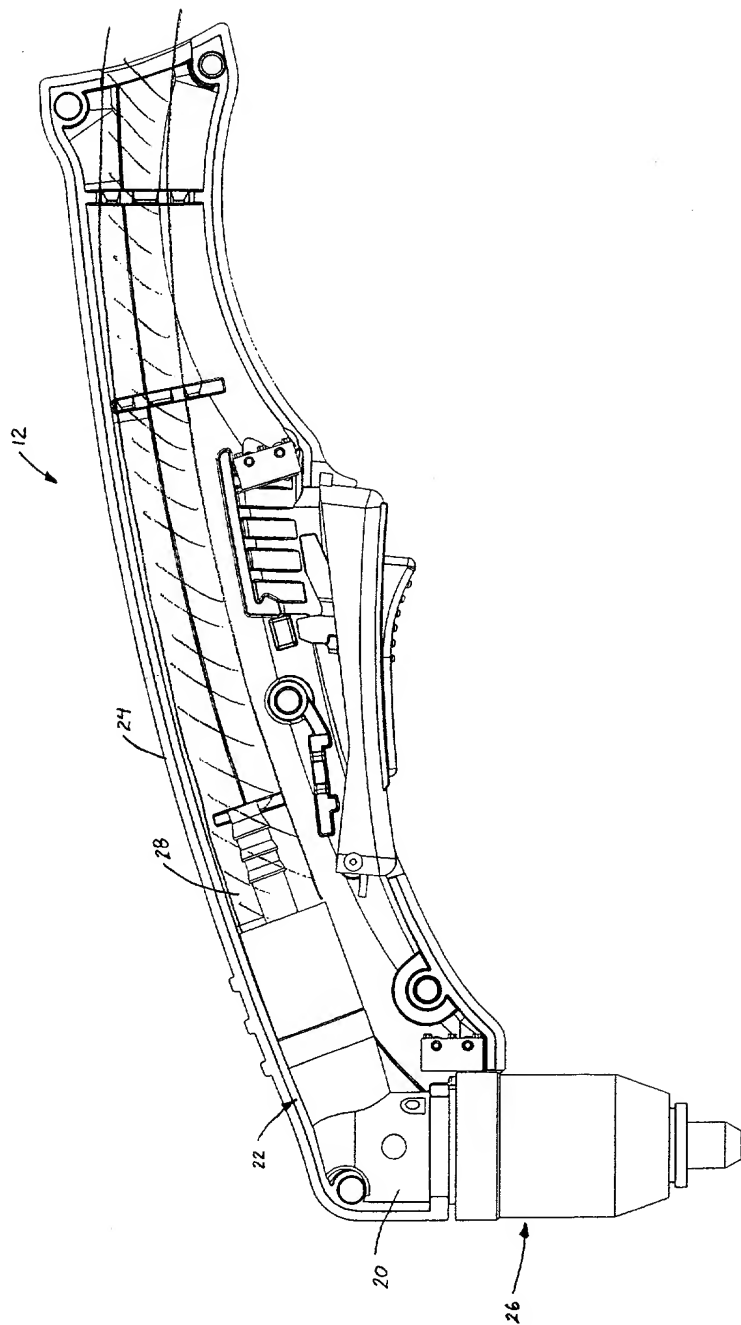


FIGURE 2

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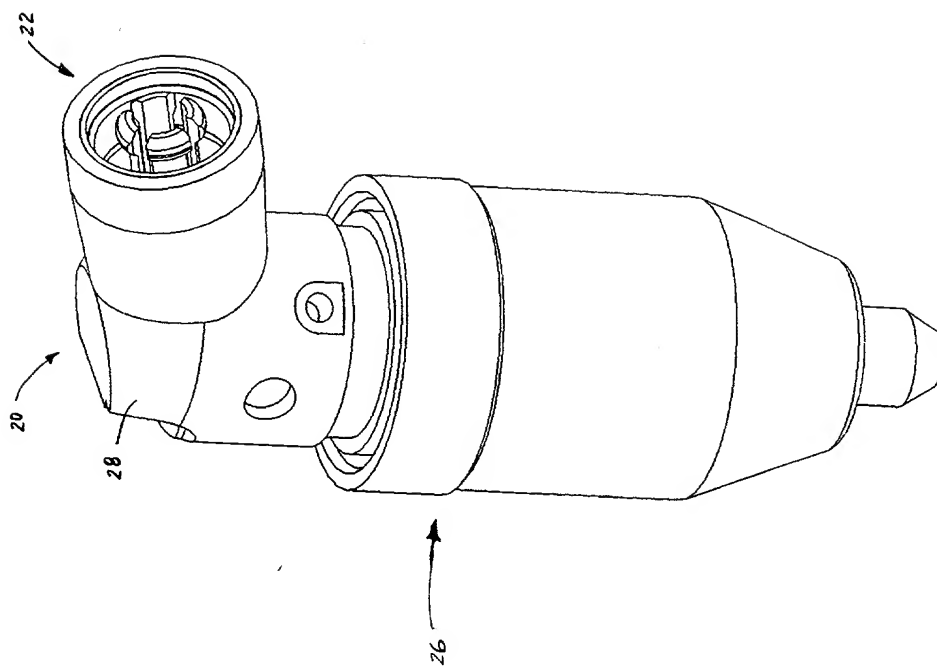


FIGURE 3

20050409-040502

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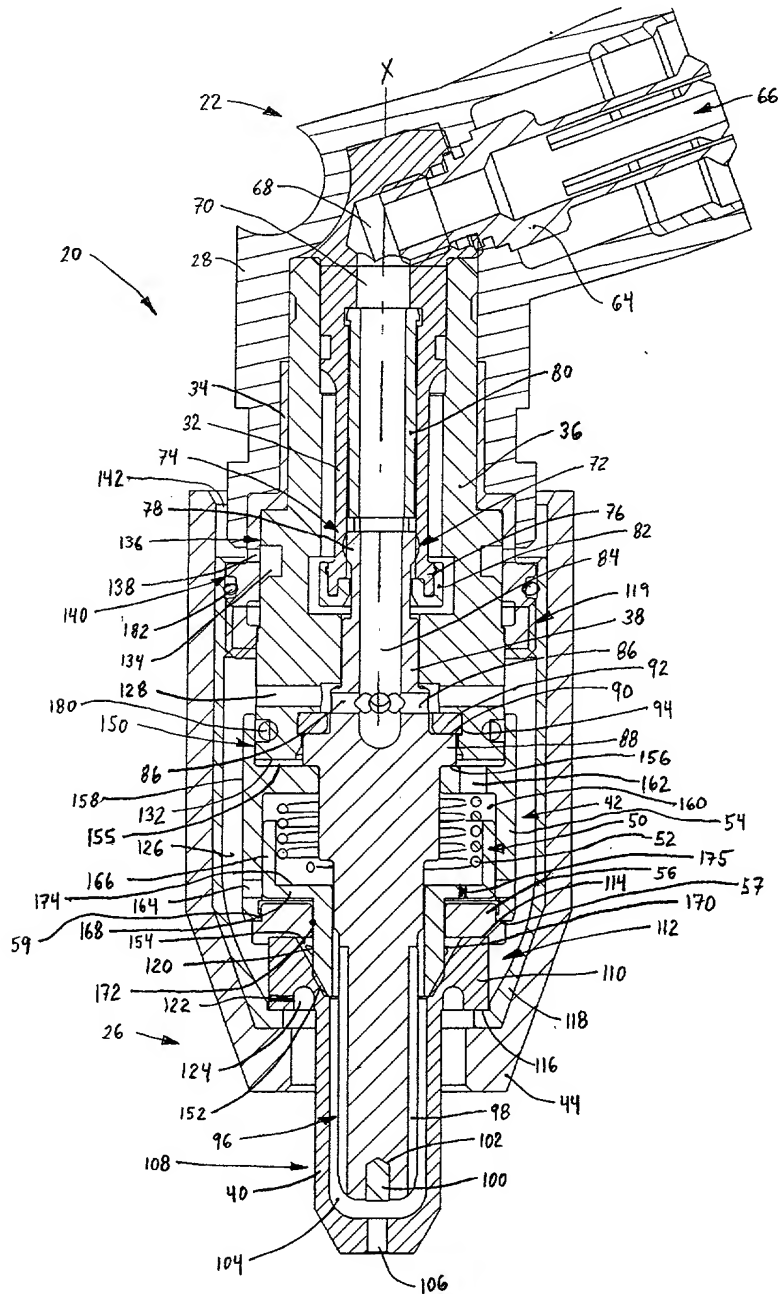


FIGURE 5

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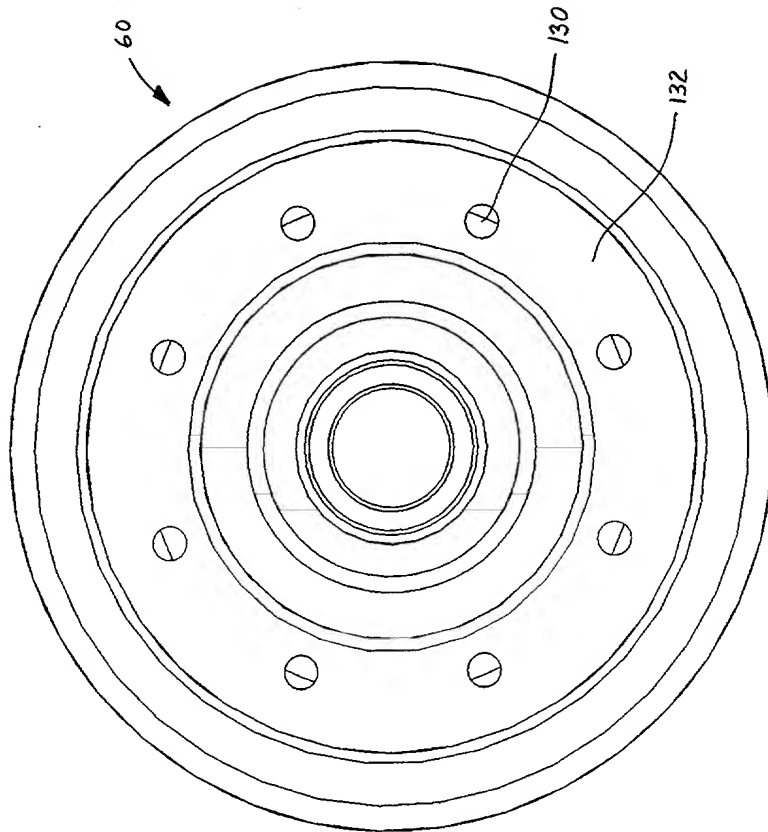


FIGURE 6

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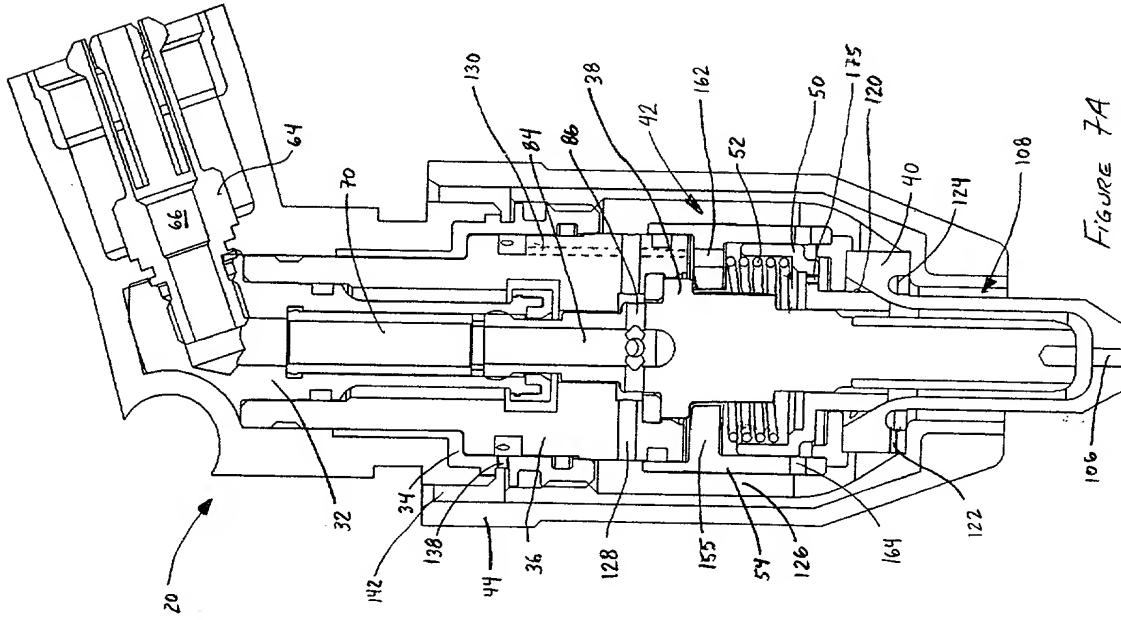


FIGURE 7A

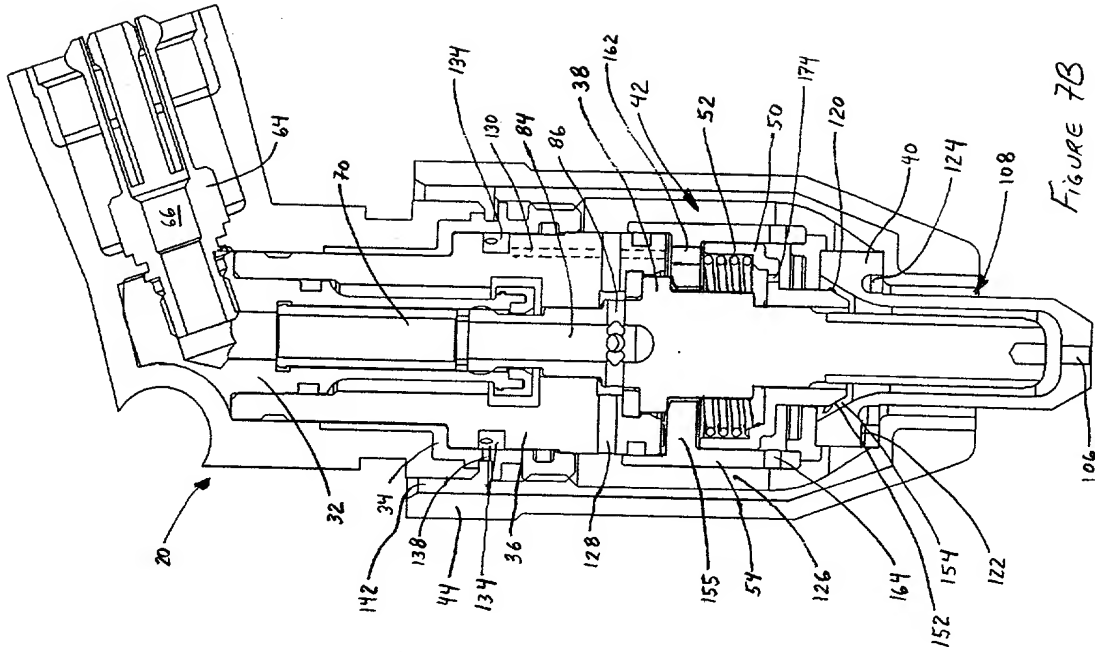


FIGURE 7B

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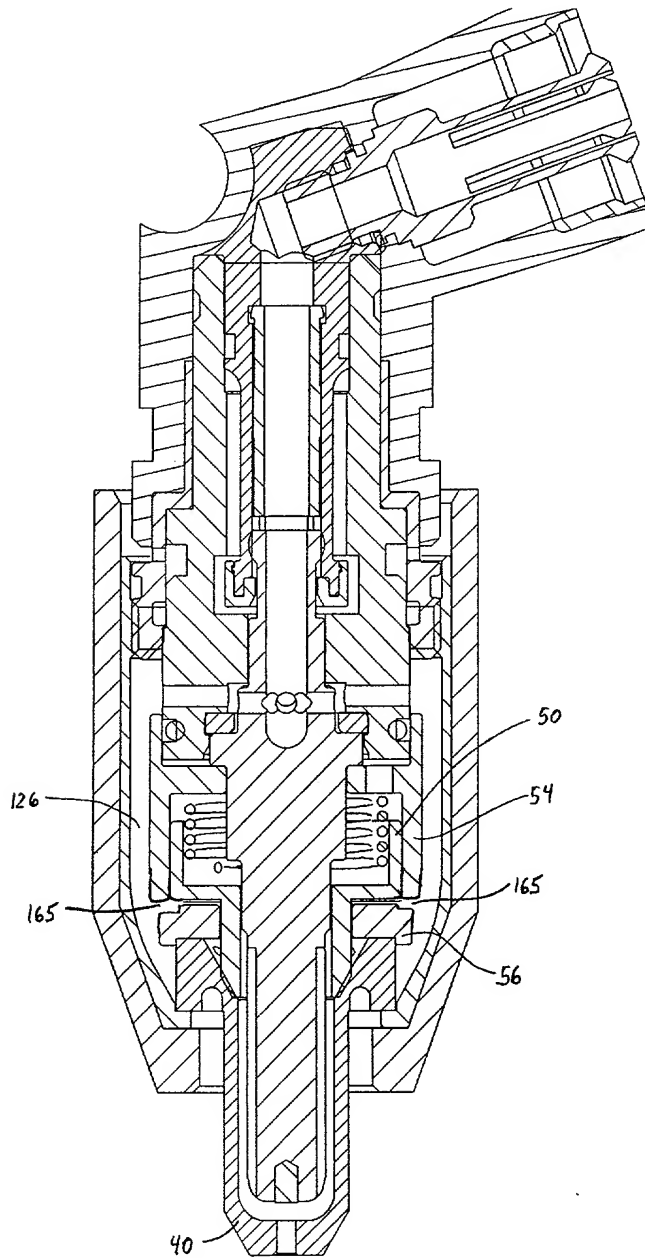


FIGURE 7C

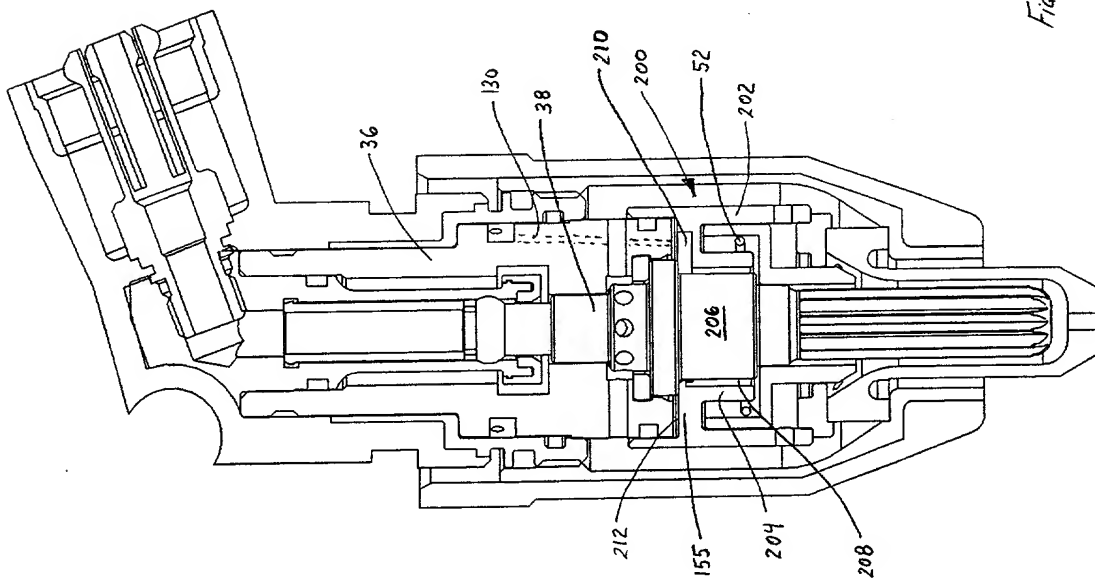


FIGURE 8

[illegible]

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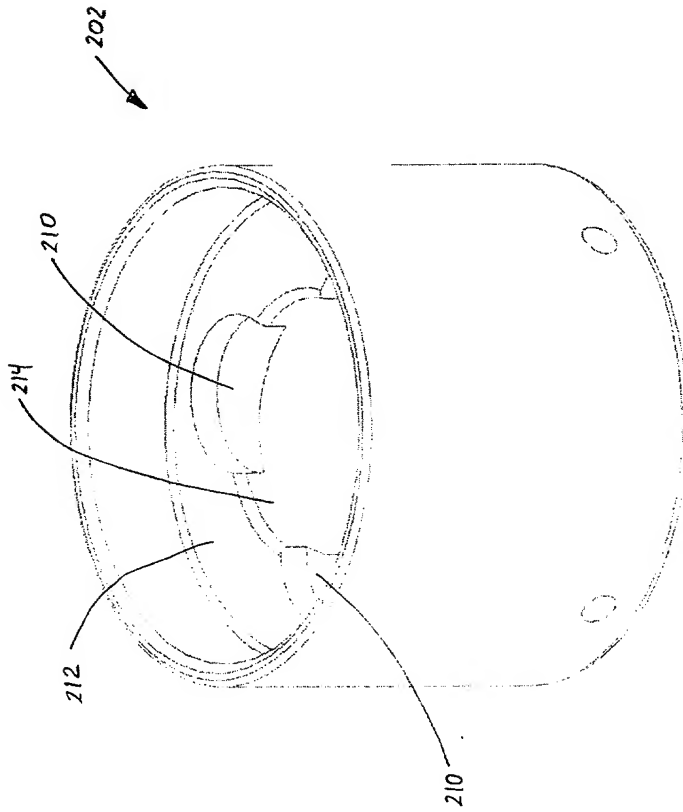


Figure 9

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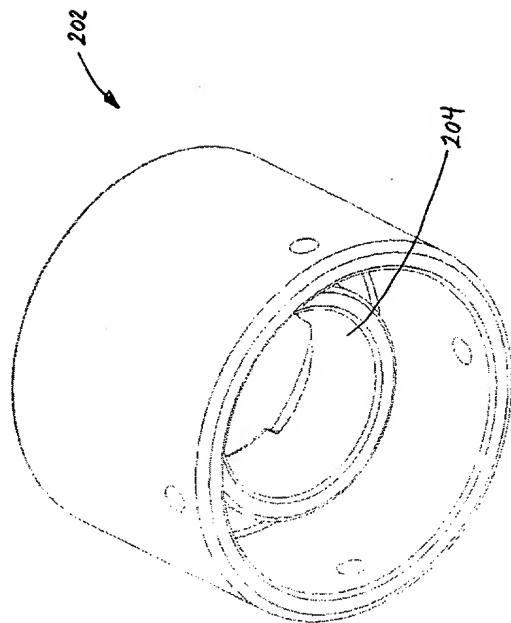


Figure 10

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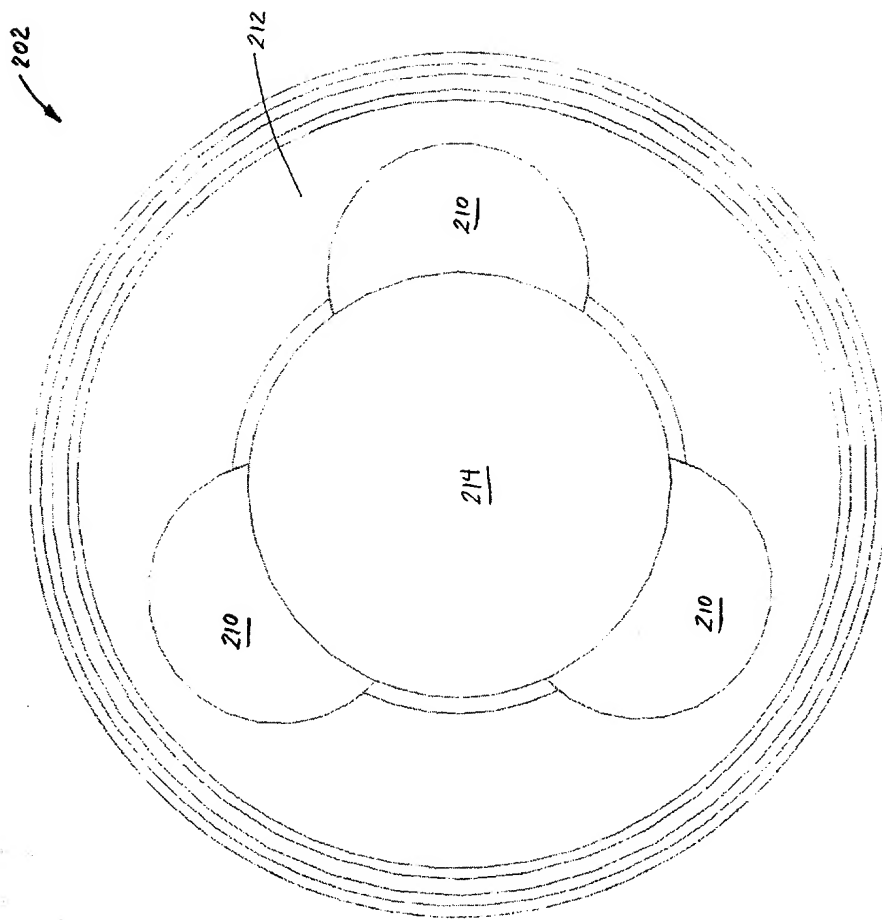


FIGURE 11

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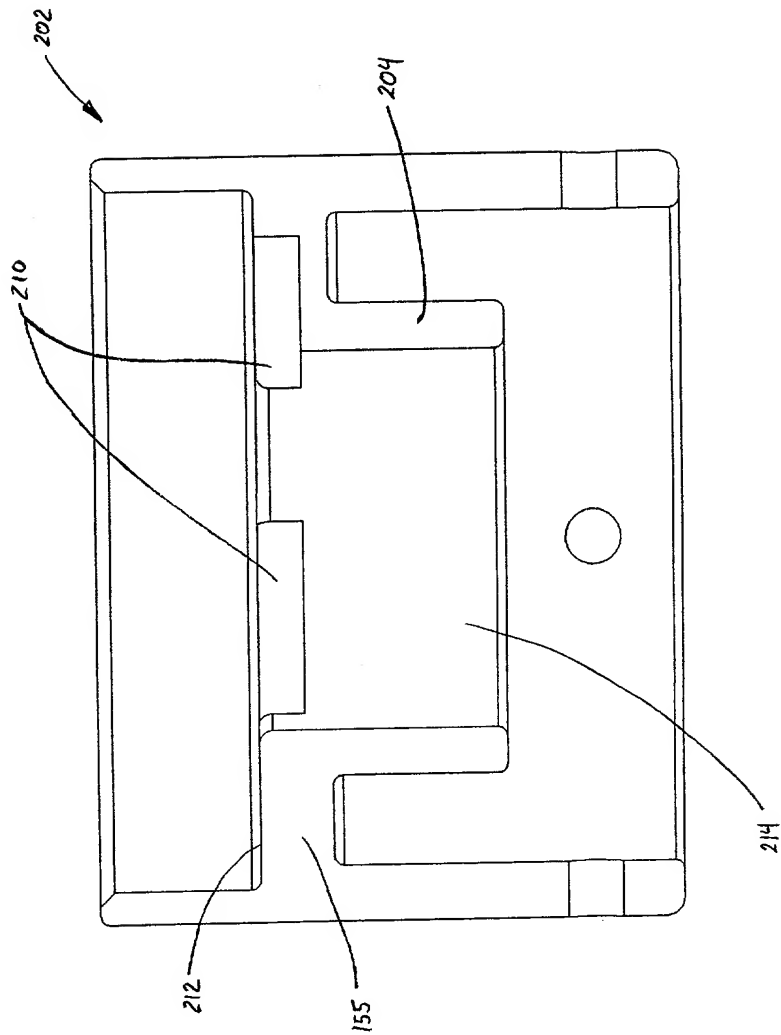


Figure 12

205040-150048001

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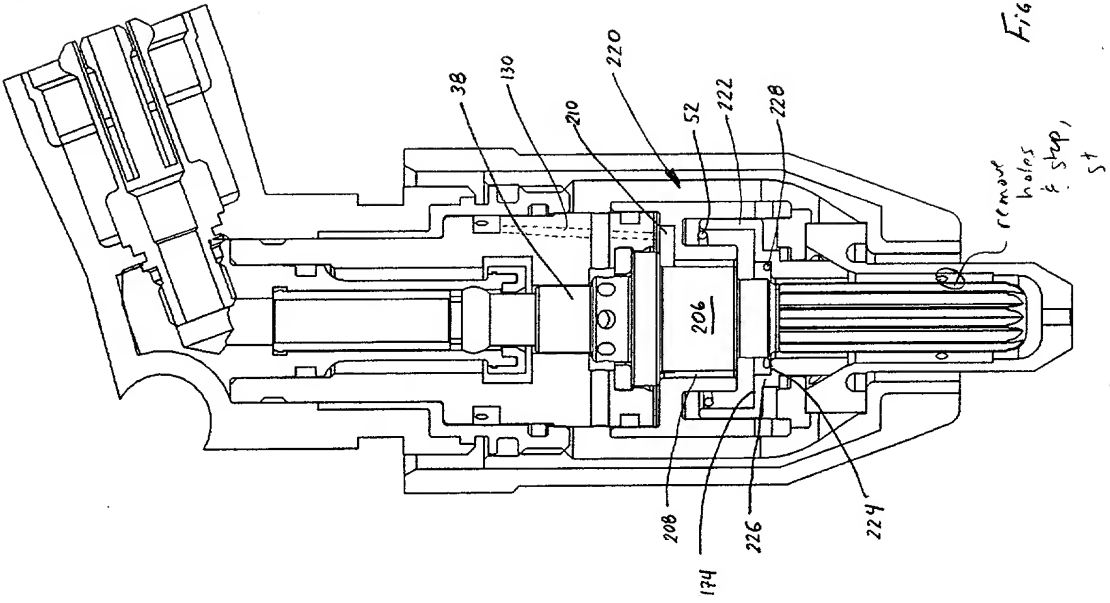


FIGURE 13

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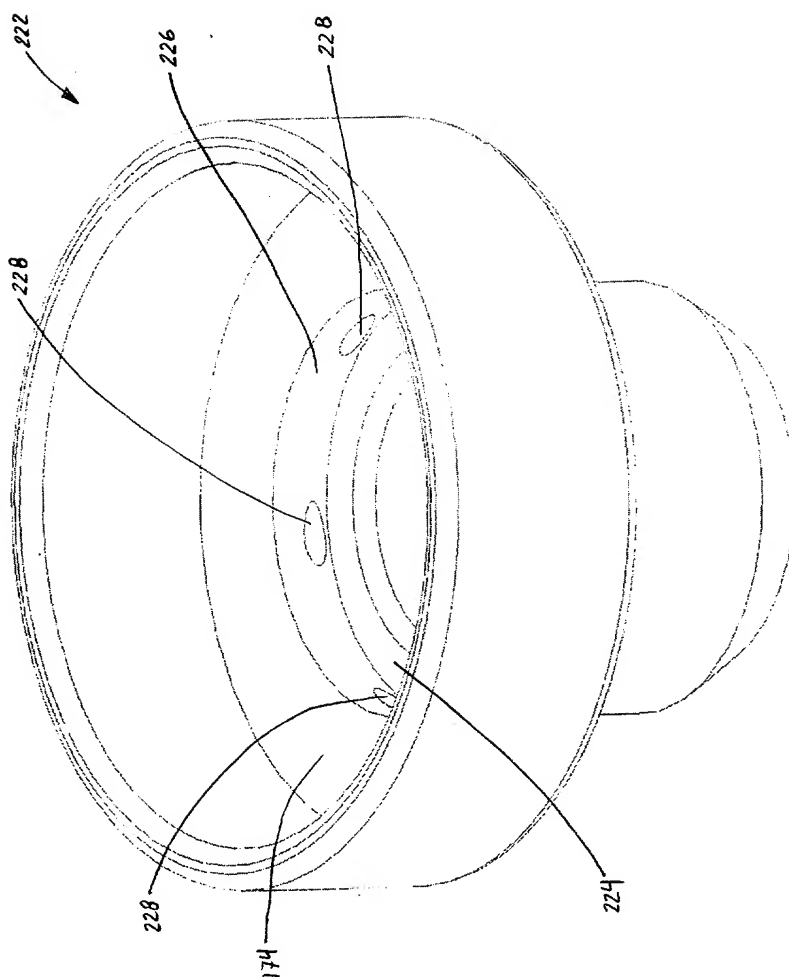


FIGURE 14

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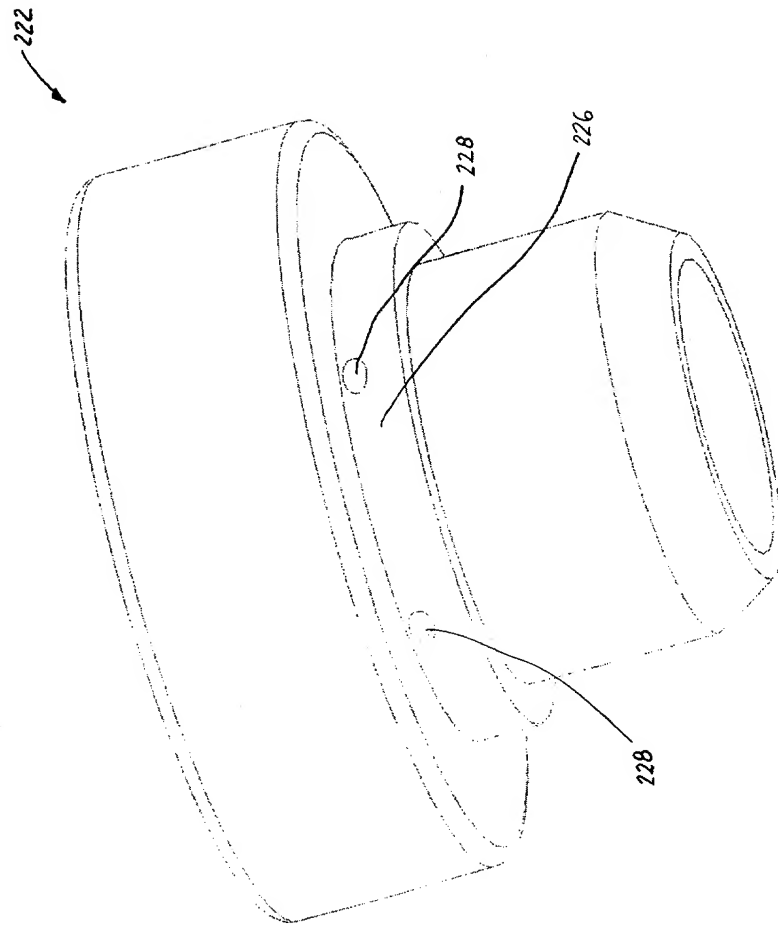


FIGURE 15

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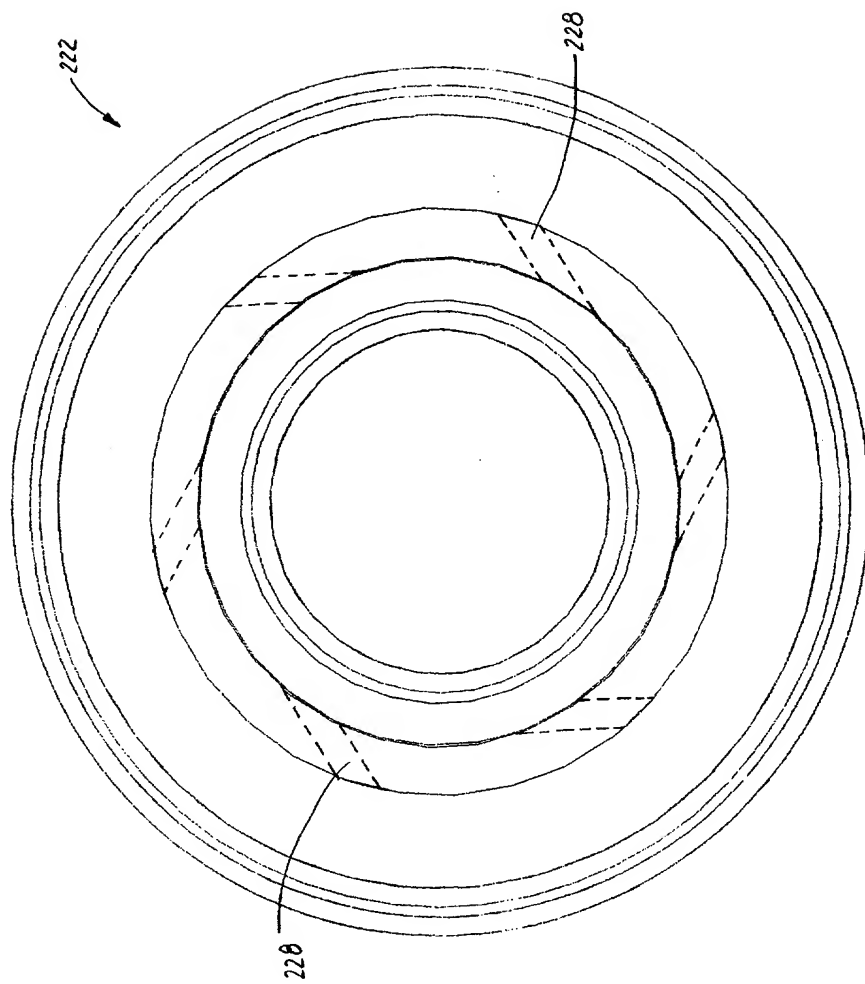


FIGURE 16

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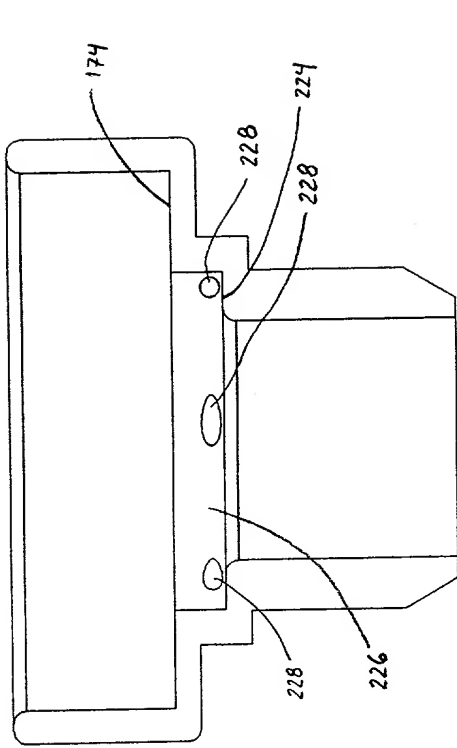


FIGURE 17

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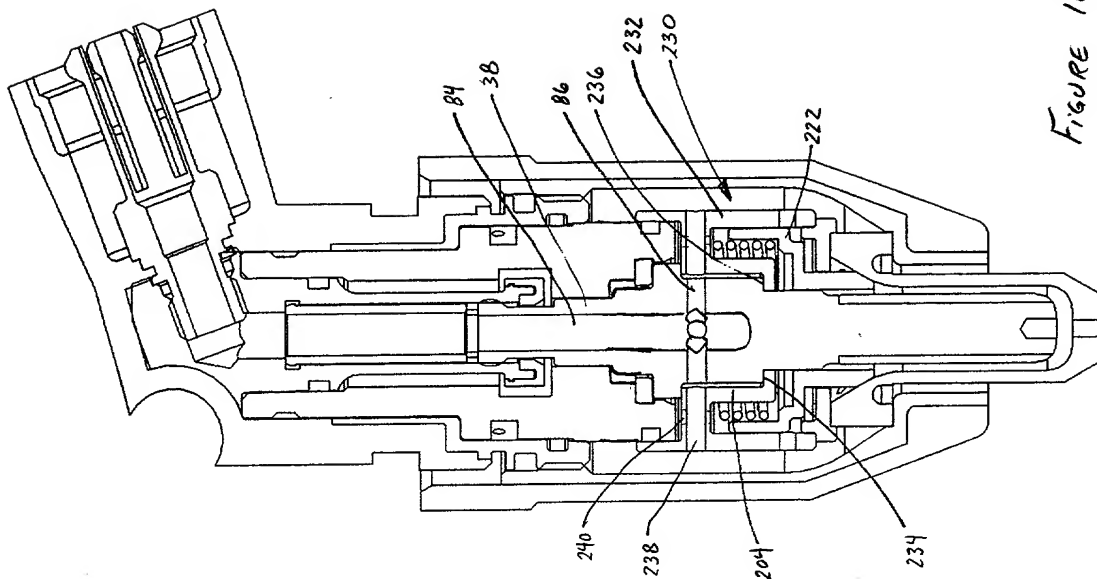


Figure 18

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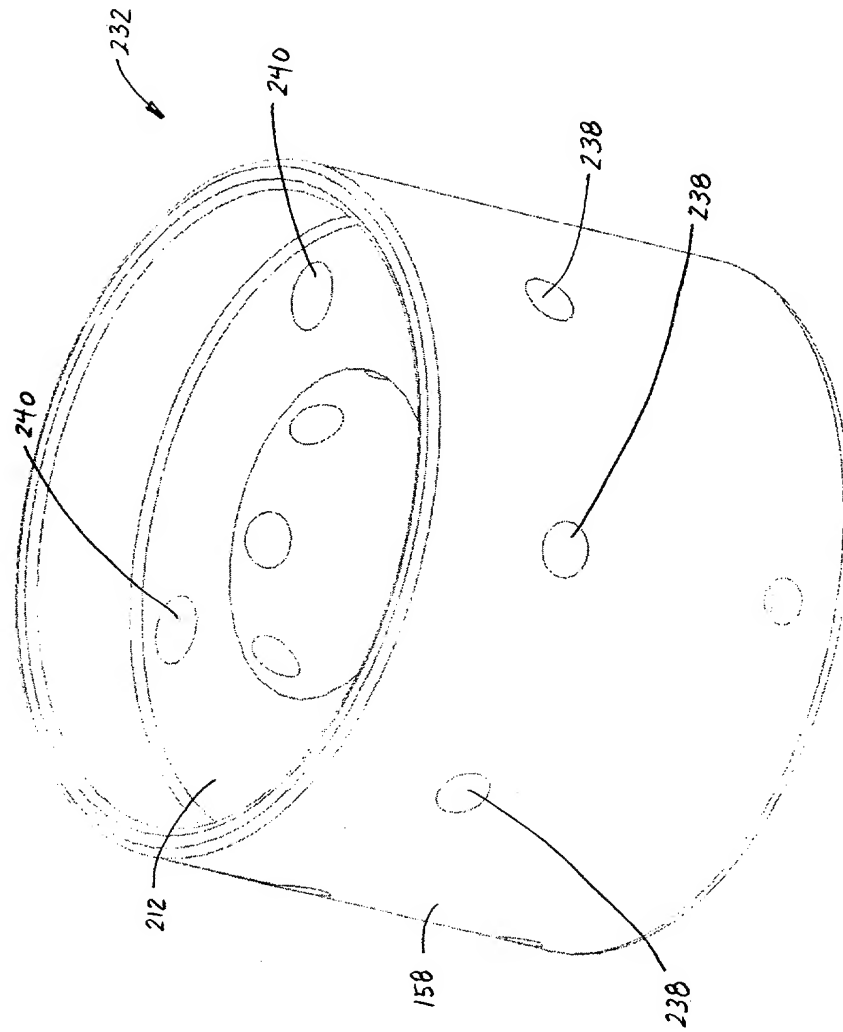


Figure 19

205040 600800T

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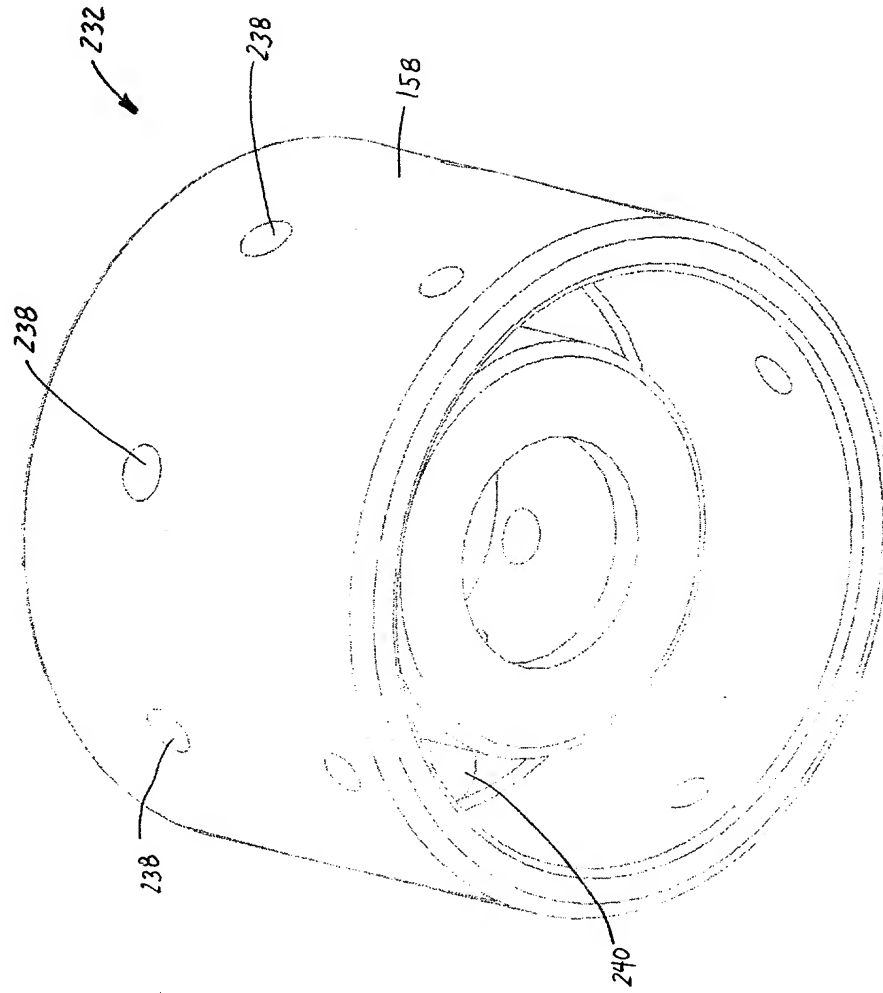


Figure 20

20509-6004800T

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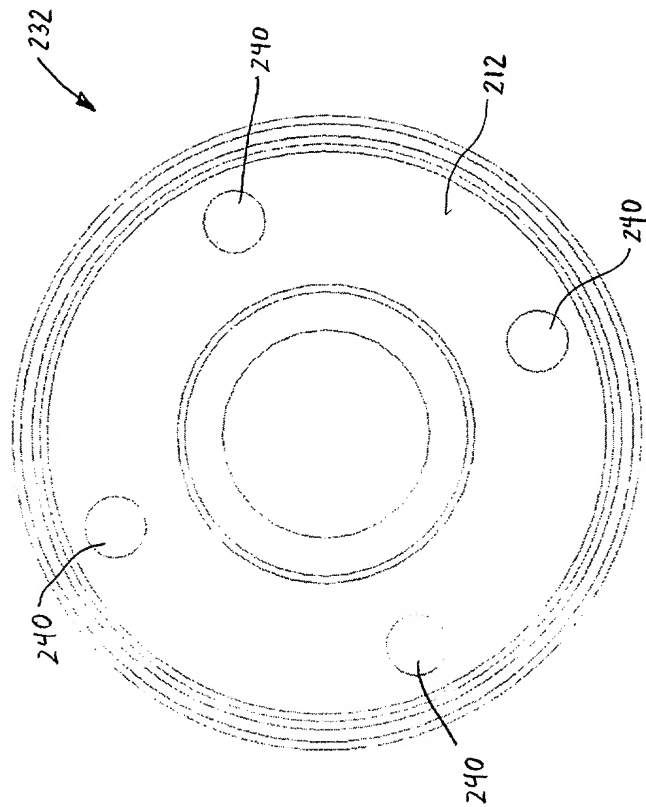


Figure 21

10064009.040502

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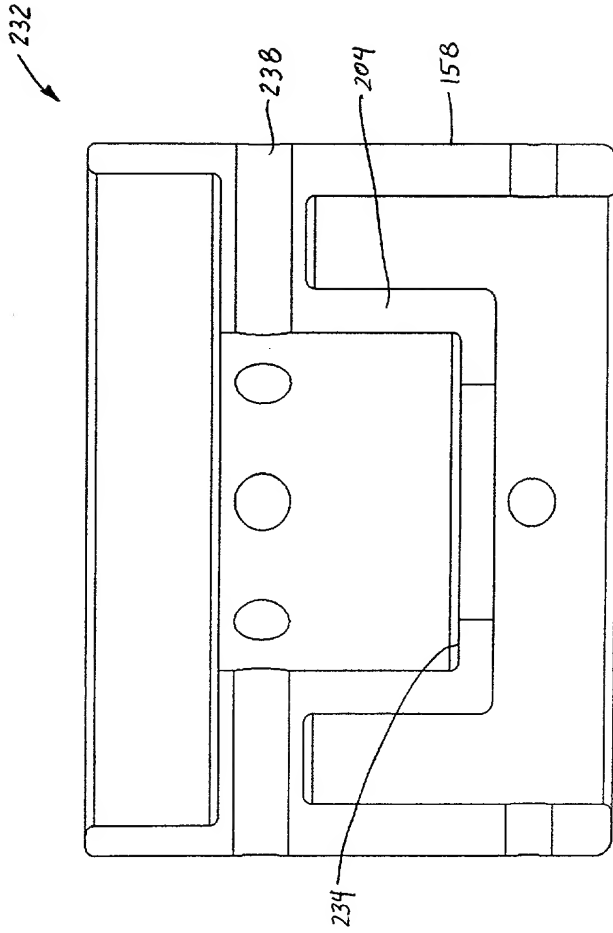


Figure 22

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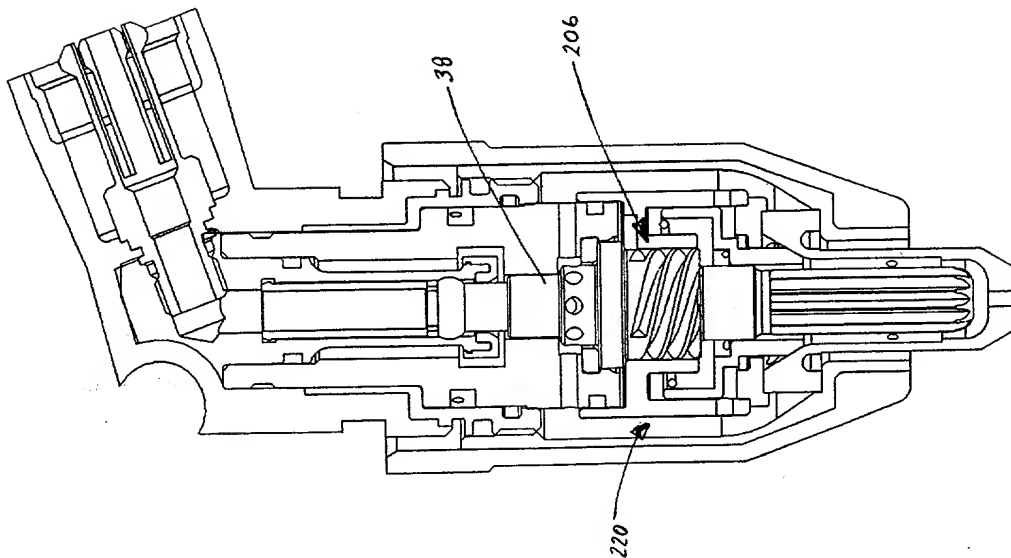


FIGURE 23A

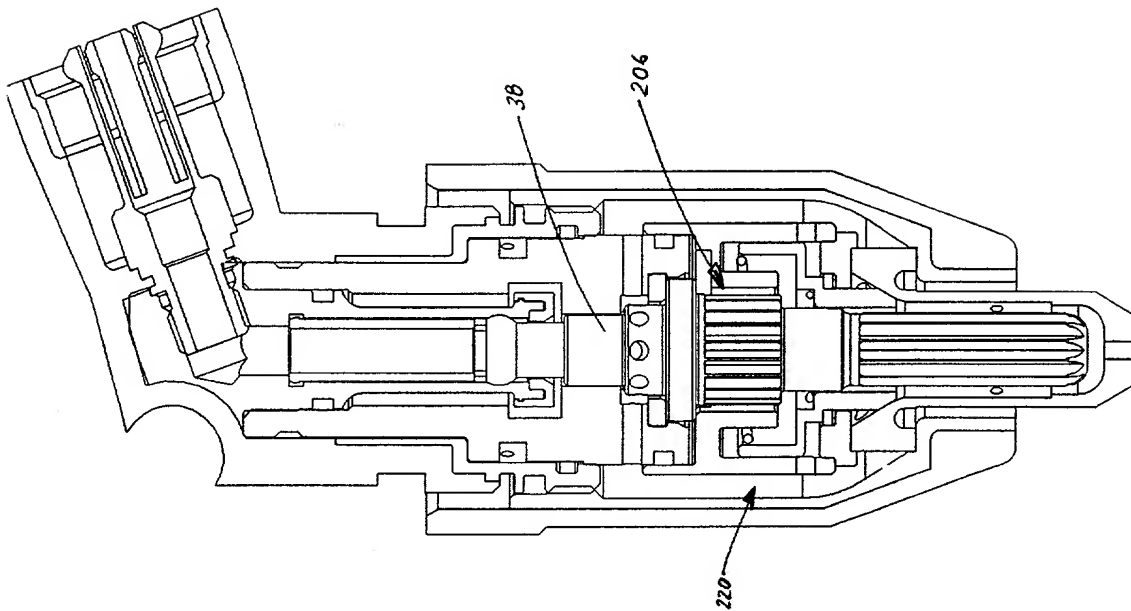


FIGURE 23B

10034009-040508